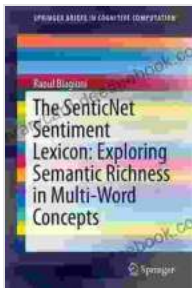


Exploring Semantic Richness in Multi-Word Concepts: SpringerBriefs in Cognitive Science

Multi-word concepts, such as "cup of coffee" or "kick the bucket," are ubiquitous in language and thought. They play a crucial role in our ability to communicate, understand the world around us, and make sense of our own experiences. However, despite their importance, the semantic richness of multi-word concepts has received relatively little attention from cognitive scientists.

This book aims to fill this gap by providing a comprehensive overview of the theoretical, methodological, and empirical approaches to the study of multi-word concepts. It covers topics such as the representation of multi-word concepts in the mind, the processes involved in their comprehension and production, and their role in language, thought, and communication.

One of the central questions in the study of multi-word concepts is how they are represented in the mind. There are two main theoretical perspectives on this issue: the holistic view and the compositional view.



The SenticNet Sentiment Lexicon: Exploring Semantic Richness in Multi-Word Concepts (SpringerBriefs in Cognitive Computation Book 4) by Luca R. Joahnsen

★★★★★ 5 out of 5

Language : English

File size : 777 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting: Enabled

Print length	: 81 pages
Paperback	: 388 pages
Item Weight	: 1.19 pounds
Dimensions	: 6.1 x 0.88 x 9.25 inches



The holistic view holds that multi-word concepts are stored in memory as whole units, rather than as combinations of their individual words. This view is supported by evidence from priming studies, which show that the processing of a multi-word concept is faster and more efficient when it is presented as a whole, rather than as a series of individual words.

The compositional view, on the other hand, holds that multi-word concepts are represented as combinations of their individual words. This view is supported by evidence from semantic priming studies, which show that the processing of a multi-word concept is influenced by the meanings of its individual words.

There are a variety of methodological approaches that can be used to study multi-word concepts. These approaches include:

- **Priming studies:** Priming studies measure the time it takes to process a word or phrase after it has been presented with a related word or phrase. This can be used to investigate the semantic relationships between words and phrases, as well as the processes involved in their comprehension and production.
- **Semantic priming studies:** Semantic priming studies measure the time it takes to process a word or phrase after it has been presented

with a semantically related word or phrase. This can be used to investigate the semantic relationships between words and phrases, as well as the processes involved in their comprehension and production.

- **Eye-tracking studies:** Eye-tracking studies measure the movements of a person's eyes as they read or listen to a text. This can be used to investigate the processes involved in the comprehension of multi-word concepts, as well as the role of multi-word concepts in language and thought.
- **Behavioral studies:** Behavioral studies measure the behavior of people in response to multi-word concepts. This can be used to investigate the role of multi-word concepts in decision-making, problem-solving, and other cognitive tasks.

The empirical findings on multi-word concepts have shown that they are processed differently than single words, and that they play a crucial role in language, thought, and communication. For example, priming studies have shown that the processing of a multi-word concept is faster and more efficient when it is presented as a whole, rather than as a series of individual words. This suggests that multi-word concepts are stored in memory as whole units, rather than as combinations of their individual words.

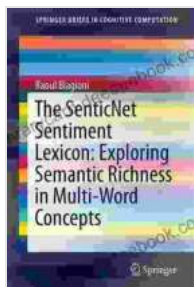
Semantic priming studies have also shown that the processing of a multi-word concept is influenced by the meanings of its individual words. This suggests that multi-word concepts are represented as combinations of their individual words, and that the meanings of these words are activated when the concept is processed.

Eye-tracking studies have shown that the processing of a multi-word concept involves a series of eye movements that are different from the eye movements involved in the processing of single words. This suggests that the processing of multi-word concepts is more complex than the processing of single words, and that it involves a different set of cognitive processes.

Behavioral studies have shown that multi-word concepts play a role in a variety of cognitive tasks, including decision-making, problem-solving, and language comprehension. This suggests that multi-word concepts are not simply linguistic devices, but rather that they play a crucial role in our ability to think and understand the world around us.

The study of multi-word concepts is a relatively new field of research, but it has already yielded a wealth of important insights into the nature of language, thought, and communication. This book provides a comprehensive overview of the theoretical, methodological, and empirical approaches to the study of multi-word concepts, and it offers a unique perspective on the role of multi-word concepts in our cognitive lives.

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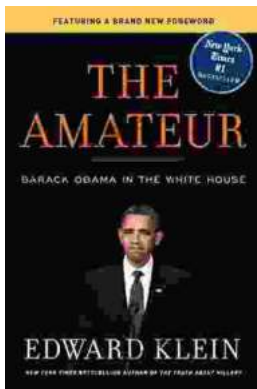


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